Registry

83-0322

D/ODP

ODP-83-094
26 January 1983

MEMORANDUM FOR: Deputy Director for Administration

THROUGH   :   Chief, Batch Systems Branch
                 Chief, Systems Programming Division
                 Deputy Director for Processing, ODP
                 Director of Data Processing

FROM   :   STAT
                 Batch Systems Branch, SPD/ODP

SUBJECT   :   Request to Appear Before a Non-Government Group

    1. I request permission to appear before a non-Government group as
provided for in [   ]   STAT

    2. When approved, I will speak in a panel discussion at the SHARE 60
Conference in San Francisco, California on February 21st. I will also chair
four meetings at the same conference. I will be attending the conference as a
representative of the Agency and I am serving as Manager of the VM/XA
Project within the SHARE organization. The audiences are expected to be
comprised of about 400 persons from the United States and Canada repre-
senting organizations running large IBM computers. The meetings will be
held in the San Francisco Hilton Hotel; the risk to employee safety is
minimal. Members of the press are barred from attending sessions at this
conference.

    3. None of the material to be discussed is classified or controversial. I
will present my views regarding technological trends in computer operating
systems software. As a participant in an industry task force that recently
studied the direction of computer technology, I am qualified to give the pres-
entation. My remarks will be extemporaneous; the outline is attached. I
will also chair four meetings:

    a. MVS/XA User Experiences. The technical considerations involved
        when migrating from one generation of computer technology to
        another will be discussed.

    b. MVS/XA Futures Committee Working Session. Requirements for
        advanced computing technology will be discussed.

    c. MVS/XA Operations Committee Working Session. The exploitation of
        advanced computing technology will be discussed.

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d. **MVS/XA Project Closing.** The events of the week will be reviewed and unresolved technical issues will be addressed.

The Agency is in the forefront of interactive computing technology. It is through these presentations that we are able to attract skilled computer scientists to the Agency, as well as to influence the decisions of the computer vendors upon whom we are dependent.

STAT

4. I [   ] will be identified as an Agency employee. I will also give the standard disclaimer that the views presented are my own and not necessarily those of the Agency.
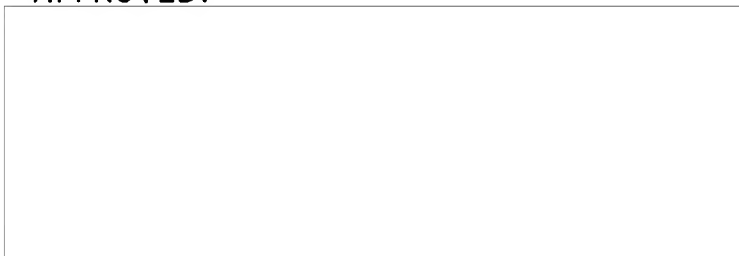
STAT

Attachment

TITLE OF PRESENTATION: User Perspectives of Future Storage Management

TITLES OF SESSIONS: MVS/XA User Experiences
MVS/XA Futures Committee Working Session
MVS/XA Operations Committee Working Session
MVS/XA Project Closing

APPROVED:

STAT

3 1 JAN 1983
Date

Signed: James H. McDonald

1 FEB 1983

Harry E. Fitzwater, DDA

Date

SUBJECT: Request to Appear Before a Non-Government Group

ODP/P/SPD/ISB   26 January 1983/EXREQ83D   STAT

Dist:
  Orig - Addressee (Orig to be returned to Originator)
     2 - DDA
     2 - D/ODP/Subj&Chrono (PR:Pres.&Pubs)
     1 - C/PAB/OEXA
     1 - C/EAB/SSD/OS w/Form 879
     1 - VM/SP Project
     2 - ODP/Registry
     3 - ODP/SPD

Attachment

I. DASD Sharing Environment

    A. MVS/JES3 Complex
       1. JES3 Global
       2. JES3 Local -- database + batch
       3. JES3 Local -- onlines + batch
    B. VM/CMS
       1. Two similar systems
       2. CMS + electronic mail on both
       3. Guest virtuals restricted to one

II. What We Share Today

    A. Batch systems
       1. Share all DASD within JES3
       2. Logically dedicated SYSDA, paging, etc.
    B. Database systems -- unshared
    C. Online systems -- unshared
    D. Interactive systems
       1. Share all DASD within VM
       2. Logically dedicated spool, paging, etc.
       3. Electronic mail -- unshared
    E. Guest virtuals

III. Networking Environment

    A. Three computer centers
    B. Intra-center communications
       1. MVS/JES3 and VM/CMS in each
       2. VM-JES3 networking in each
       3. VM-JES3 job submission (Batchmon) in each
    C. Inter-center communications
       1. JES3-JES3 networking between two centers
       2. VM-JES3 networking between two centers
       3. VM-JES3 job submission between two centers
       4. VM-VM networking between two centers
       5. Restricted VM-JES3 job submission to third center

IV. Future Applications

    A. Electronic mail database stored on MVS
    B. Mail reviewed from VM
    C. Database updated from MVS

V. Future Networks

    A. Data will be accessed across environments
    B. Communications between programs running on different

processors or in different environments

VI.   Requirements

    A.   Network-wide, data independent I/O
    B.   Systems designed for 24 hour/day operation
    C.   Future Work Flow Management recommendations